

ABSTRACT

THE PROCESS OF MAKING CUTTING BLADE OF THE CUTTING MACHINE OF CRACKERS *RAMBAK* DOUGH

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One of components in dough Cutting Machines Rambak chips is the Knife. Blade that is able to rotate along with the main shaft rotation is used to cut the dough crackers rambak. The purpose of making cutting blades are: to identify the used materials in the process of making cutting blades, to determine machines and tools to create blade cutters, to know the working steps in the manufacture of cutting blades. This knife is made with a plate system that can be dismantled pairs and can be replaced if the damage occurs.

The materials used to make cutting blades were stainless steel. Equipment and machinery used is guillotine machine, turning machine, and hand grinding machine. The steps in making cutting blades through several processes, namely: the process of cutting material by guillotine machine, drilling process, process of turning, and grinding process. For the finishing process, it was using a grinding machine hand in determining the corner piece.

The results from the process of making cutting blades had a circular outside diameter of 84 mm, inside diameter of 18 mm and the thick was 1.5 mm. This machine was capable of cutting chips dough rambak with the length of 250 mm, 100 mm in width and weight at about 0.25 kg in 8 seconds. The process of making cutting blades on mowers rambak chips takes 225 minutes or 4 hours 15 minutes.

Keywords: Cutting Blade, Cutting Machines Dough Crackers Rambak.